#4

Page 1 of 6 ATTY. DOCKET NO. APPLICATION NO. 1689.0010002 09/496,960 FORM PTO-1449 **APPLICANTS** Arneson et al. INFORMATION DISCLOSURE STA FILING DATE **GROUP** February 3, 2000 2768 BADEMARN. PATENT DOCUMENTS **EXAMINER** INITIAL DOCUMENT NUMBER DATE NAME **CLASS** SUB-CLASS FILING DATE 3,520,406 07/1970 Turner 209 111.5 AA1 340 152 T AB1 3,689,885 09/1972 Kaplan et al. 4,225,953 09/1980 367 117 AC1 Simon et al. 371 67 AD1 4,418,411 11/1983 Strietzel AE1 4,471,345 09/1984 Barrett, Jr. 340 572 01/1985 Miller, III 340 825.54 AF1 4,495,496 AG1 08/1985 Boetzkes 324 207 4,533,871 340 573 AH1 4,598,275 07/1986 Ross et al. 01/1987 364 403 AI1 4,636,950 Caswell et al. AJ1 4,656,463 04/1987 Anders et al. 340 572 340 825.54 4,862,160 08.1989 AK1 Ekchian et al. FOREIGN PATENT DOCUMENTS EXAMINER CLASS SUB-CLASS TRANSLATION INITIAL DOCUMENT NUMBER DATE COUNTRY 9/00 0 494 114 A2 07/1992 G07C AL1 ΕP No N 1/46 0 496 986 A2 08/1992 ΕP HO4L Yes AM1 ГП No AN1 WO 93/05485 03/1993 WIPO G07G S Yes No 0 578 457 A2 01/1994 ΕP G06K Yes AO1 No AP1 0 585 132 A1 03/1994 FΡ G01S Yes No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 1 AS 1 ΑT 1 DATE CONSIDERED 24 Julo 2 EXAMINER WI MYHRE EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

				01E			······································	Page 2 of o
				016	ATTY. DOCKET NO. 1689.0010002		APPLICATION NO. 09/496,960	
		FORM	PTO-1449	ke co	PPLICANTS			
<u> </u>	NFORMAT	ION DI	SCLOSURE STAT	SEP 1 4 21	nneson et al.			
				E	JILING DATE OFFebruary 3, 2000		GROUP 2768	
				ROFMARK	PATENT DOCUMENTS			
EXAMINER	T			ACMAH B	Jan Parising South Land			
INITIAL		DOC	UMENT NUMBER	DATE	NAME	CLAS		FILING DATE
-fm	AA2		31,788	06/1990	Creswick	340	825.54	
19N	AB2		24,699	06/1992	Tervoert et al.	340	825.54	
19m	AC2		14,409	05/1993	Beigel	340	572	
1911	AD2		45,534	09/1993	Waterhouse et al.	705	28	
- 4m	AE2		66,925	11/1993	Vercellotti et al.	340	572	
- gri	AF2		89,372	02/1994	Guthrie et al.	705	28	
an	AG2	<u> </u>	13,052	05/1994	Watanabe et al.	235	375	
yn	AH2	5,3	65,551	11/1994	Snodgrass et al.	375	1	
- Cfra-	AI2	5,3	90,360	02/1995	Scop et al.	455	34.2	
gu	AJ2	5,4	10,315	04/1995	Huber	342	42	152
	AK2	5,4	20,577	05/1995	Kim et al.	340	825.520	
<u> </u>				FOR	REIGN PATENT DOCUMENTS			
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY	CLAS	s	TRANSLATION
an	AL2		98 624 A1	05/1994	EP	G01s		Yes No
lan	AM2	0 6	15 285 A2	09/1994	EP	H01L		Yes No
Im	AN2	WO	99/26462	06/1999	WIPO	G06K	6	Yes
7	A02							Yes No
	AP2	-						Yes No
			OTHER	Including Auth	nor, Title, Date, Pertinent	Pages etc.)	L	NO
	T	T	1	The taarrig Matr	iory rrete, butty eremone			
	AR	2						
			1					
	ļ	<u> </u>				····		
	AS	2					•	
	 	1					-	
	AT							
:	^'	2						
EXAMINER -	<u> </u>				·	DATE C	ONSIDERED	
J,	mus	W.	MYHRI	<u>. </u>			4 746 02	•
EXAMINER: In	itial if	refer	ence consider	ed, whether or	not citation is in conform	ance with MPE	609. Draw line	through
citation if no P:\USERS\JASONG\1689\001-		nforma	ince and not c	onsidered. In	clude copy of this form wit	n next commun	ication to Applic	ant.
P: \USEKS\JASONG\1689\001-	2_1449.wpd							

								Page 3 of 6
			OIPE	ATTY. DOCKET NO. 1689.0010002		APPLIC 09/496	ATION NO. ,960	
		FORM PTO-1449		PPLICANTS				
<u> </u>	NFORMATI	ION DISCLOSURE STAT	SEP 1 4 200	1 Arneson et al.				
			屋	TLING DATE		GROUP 2768		
	<u></u>		E XDAD THE	PATENT DOCUMENTS		2.00		
EXAMINER			AST FINITE					
INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE
Chr	AA3	5,430,441	07/1995	Bickley et al.	340	1	825.54	
gn	AB3	5,434,572	07/1995	Smith	342	!	44	
Chr	AC3	5,434,775	07/1995	Sims et al.	705		8	
am	AD3	5,444,223	08/1995	Blama	235		435	
gm	AE3	5,446,447	08/1995	Carney et al.	340	1	572_	
9/2	AF3	5,478,991	12/1995	Watanabe et al.	235		375	
dr.	AG3	5,489,908	02/1996	Orthmann et al.	342		42	
In	АН3	5,499,017	03/1996	Beigel	340	l	572	
91	AI3	5,500,650	03/1996	Snodgrass et al.	342		42	
9m	AJ3	5,515,053	05/1996	Hecht et al.	342		42	
an	AK3	5,519,381	05/1996	Marsh et al.	340		5 72 1	
		,	FORE	IGN PATENT DOCUMENTS			73	
EXAMINER							SE 70	
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLA	SS	SUB-CLASS	TRANSLATION
	AL3				,		MA 15	Yes No
	AM3						2000 L R	Yes No.
	AN3						ROOM	Yes
	A03	-						No Yes
								. No
	АРЗ							Yes No
		OTHER	(Including Author	r, Title, Date, Pertinent Pag	ges, etc.)		•	
	1							
	AR	<u>3</u> '						
·								
	AS	3						
	-							
	1	1_						
	AT	3						
EXAMINER		ll			DATE	CONSIDE	RED,	
	TAME 5	W. MY141	18			24 5	102	
				ot citation is in conformand ude copy of this form with r				
		marios una not		30p, -: -:: 10 101 m with 1	, <u></u>			.

									Page 4 of 6
				OIPE	ATTY. DOCKET NO. 1689.0010002		APPLICATIO 09/496,960		
	. U.F.O.D.W.A.T.		PTO-1449	/ SMENSEP 1 4 2000	APPLICANTS Arneson et al.				
<u> </u>	INFORMAL	ION DI	SCLUSURE STATE	ADEMAR	FILING DATE		GROUP 2768		
				EVD	February 3, 2000 PATENT DOCUMENTS		2700		
EXAMINER		T^-	 _	PAREMEN	S. PATENT DOCUMENTS				Ţ
INITIAL		DOC	UMENT NUMBER	DATE	NAME	CLA	SS SUE	3-CLASS	FILING DATE
- An	AA4	5,5	28,222	06/1996	Moskowitz et al.	340	572	<u>!</u>	
afr	AB4	5,5	28,232	06/1996	Verma <i>et al</i> .	340	825	.54	
ga	AC4	5,5	37,105	07/1996	Marsh et al.	340	825	5.54	
9/~	AD4	5,5	39,394	07/1996	Cato et al.	340	825	5.54	
Din	AE4	5,5	39,775	07/1996	Tuttle et al.	375	200	<u> </u>	
gn	AF4	5,5	41,928	07/1996	Kobayashi et al.	370	95.	1	
<u>gn</u>	AG4	5,5	50,547	08/1996	Chan et al.	342	42		
gn	AH4	5,5	57,280	09/1996	Marsh et al.	342	044	<u> </u>	
gm	AI4	5,5	66,441	10/1996	Marsh et al.	29	600	<u> </u>	
<u>4n</u>	AJ4	5,5	76,692	11/1996	Tompkins et al.	340	571	1	
Um	AK4	5,5	83,850	12/1996	Snodgrass et al.	370	342	· -	
				FORE	IGN PATENT DOCUMENTS				
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY	CLA		-CLASS	TRANSLATION
	AL4						700	SEP	Yes No
	AM4						MA A		Yes
	AN4							. 20	Yes
	A04	1		_			0 M		Yes
	AP4	+							No Yes
		<u> </u>							. No
			OTHER (Including Autho	r, Title, Date, Pertinent A	Pages, etc.)			
	AR	4							
	AS	4			·				
	АТ	4							
EXAMINER	Jame	5 l	V. MYHR	ı		DATE	CONSIDERED	۶٢	
EXAMINER: In	itial if	refer	ence consider	ed, whether or r	not citation is in conforma	ince with MPI	EP 609. Dr	aw line	through
citation if n	ot in co	nforma	nce and not c	onsidered. Incl	ude copy of this form with	next commu	nication to	Applica	ant.
:\USERS\JASONG\1689\001	-2_1449.wpd								

								Page 3	01 0
			OIPE	ATTY. DOCKET NO. 1689.0010002		APPLICATIO 09/496,960			
		FORM PTO-1449	lo on			,			
	INFORMATI	ION DISCLOSURE STAT	SEP 1 4 2000	rneson et al.					
	211) 011()(1)	ON DISSESSED CITY	B	ILING DATE		GROUP			
			E	FEBRUARY 3, 2000 PATENT DOCUMENTS		2768			
EVANIVED		1	UEMARIA 3	- PATENT DOCUMENTS				Γ	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA	SUE	3-CLASS	FILING DA	TE
gr.	AA5	5,591,951	01/1997	Doty	235	435	;		
y.	AB5	5,627,517	05/1997	Theimer et al.	340	572	·		_
A.A	AC5	5,627,544	05/1997	Snodgrass et al.	342	42			
Jan Jan	AD5	5,640,151	06/1997	Reis et al.	340	825	.54		
J.v	AE5	5,646,607	07/1997	Shürmann et al.	340	825	5.54		
Gr.	AF5	5,648,765	07/1997	Cresap et al.	340	825	5.35		
9,0	AG5	5,648,767	07/1997	O'Connor et al.	340	928	3		
an	AH5	5,673,037	09/1997	Cesar et al.	340	825	5.54		
M	A15	5,680,459	10/1997	Hook et al.	380	23			
an	AJ5	5,686,888	11/1997	Welles, II et al.	340	539	,		
an	AK5	5,686,902	11/1997	Reis et al.	340	825	.54		4.
	•		FORE I	GN PATENT DOCUMENTS		ų,	3		
EXAMINER									
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLA	iss su	CLASS	TRANSLATI	ON
	AL5						3 7		Yes No
	AM5	<u> </u>	-				5 5	<u> </u>	Yes
!	AMO						= ~		No
	AN5					2	15 2000	(j.	Yes
						<u> </u>	<u> </u>		No
:	A05					. =	*		Yes No
	AP5								Yes
									No
		OTHER	(Including Author	, Title, Date, Pertinent	Pages, etc.)	l			
	1	_							
	AR	5							
						<u>. </u>			
	AS	5							
	1	[]							
	AT	5							
EXAMINER	Jan.	5 W. MYHR	ع.ر		DATE 2	CONSIDERED	2		
EXAMINER: In	nitial if	reference consider	ed, whether or n	ot citation is in conform	ance with MP	EP 609. Dr.	aw line	through	
citation if r	not in co	nformance and not o	considered. Incl	ude copy of this form wit	h next commu	nication to	Applica	ant.	

							Page 6 of 6
			OIP	ATTY. DOCKET NO. 1689.0010002		CATION NO. 6,960	
		FORM PTO-1449		APPLICANTS			
]	NFORMAT I	ON DISCLOSURE STA	EMENEP 1	Arneson et al.		· · · <u>- · · · · · · · · · · · · · · · ·</u>	
		FORM PTO-1449 ON DISCLOSURE STA	2000	FILING DATE February 3, 2000	GROUP 2768		
-			DATEMARK	PATENT DOCUMENTS			
XAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS FI	LING DATE
NITIAL	AA6	DOCUMENT NUMBER 5,689,239	11/1997	Turner et al.	340	572	LING DATE
Pha	AB6	5,774,876	06/1998	Woolley et al.	705	28	
gin	AC6	5,798,693	08/1998	Engellenner	340	505	
Man	AD6	6,002,344	12/1999	Bandy et al.	340	825.54	
	AE6						
	AF6						
	AG6						
	AH6						
	AI6						
	AJ6						
	AK6						<u> </u>
			FORE	IGN PATENT DOCUMENTS			•*
XAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS TR	્ર ANSLATION
NITIAL	AL6	DOCUMENT NUMBER	DATE	COUNTRY	CLASS		
	ALO					SEP 700	Yes No
	AM6					<u> </u>	Yes No
	AN6						Yes No
	A06					ROOM	Yes No
	AP6					-5	Yes No
		OTHER	(Including Autho	or, Title, Date, Pertinent Pages,	etc.)	•	
	AR	<u>6</u>					
		, .					
	AS	<u>6</u>					
		-					
					.		
	AT	<u>6</u>					
XAMINER		6 W. MYHA	· · · · · · · · · · · · · · · · · · ·	,	DATE CONSID	DERED 2	
·	Jimes	DV WITH!	<u>'</u>		<u> </u>		